

they are. Or, a support software may be stored in the memory ME, so that the manufacturing (working) program is produced by the support software automatically, when the dimensions or the like of the products to be made are input through the input device IP. The plurality of manufacturing (working) programs (a, b, c and so on) may be formed into a single program, to be distinguished by flags or the like.

*Cont.* [ Page 12, line 22-page 13, line 18, delete current paragraph and insert therefor: ]

As indicated by the two dotted chain line in FIG. 1, the monitoring device RY includes a determination device DT constituted in the processing unit CPU, a storage device MEb constituted in the memory ME, and an output device OTb constituted in the output interface OT. The determination device DT has a program for determining if the predetermined manufacturing program has been executed, together with the plurality of manufacturing programs, or independently therefrom, and determines if the predetermined manufacturing program (e.g., the program for the offset spinning process) has been executed among the plurality of manufacturing programs (a, b, c) corresponding to the plurality of manufacturing processes (the offset spinning process, oblique spinning process and coaxial spinning process). For example, provided in advance is a flag for the process directly corresponding to, or specific to the offset spinning process or oblique spinning process, and if the flag is read in the program, then it can be determined that the program for the spinning process has been executed, so that the spinning process has been performed. The determination device DT may be constituted by a program coupled with the manufacturing programs (a, b, c), or may be constituted by another computer (not shown) and the program provided separately.

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Page 14, line 14-page 15, line 13, delete current paragraph and insert therefor:

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Next will be explained the operation of the oblique spinning apparatus as disclosed in U.S. Patent No. 6,067,833, the content of which is incorporated herein by reference. The

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oblique spinning apparatus, which serves as the manufacturing apparatus MC, is adapted to apply the oblique spinning process or the co-axial spinning process to the end portion of a cylindrical member (not shown), with reference to the flowchart as shown in FIG. 2. As a result, is formed the cylindrical member as shown in FIGS. 6 and 8, one end portion POB at the left side of which is reduced in diameter about an oblique axis to a central axis of an unprocessed portion UNP, and the other one end portion PCO at the right side of which is reduced in diameter about an axis co-axial with the central axis of the unprocessed portion UNP. Furthermore, if the offset spinning process as disclosed in U.S. Patent No. 6,018,972, the content of which is incorporated herein by reference, the offset spinning process may be performed by the manufacturing apparatus MC, with the operation necessary for it added to the above-described spinning process. Then, is formed the cylindrical member as shown in FIG. 7, one end portion POB at the left side of which is reduced in diameter about the oblique axis to the central axis of the unprocessed portion UNP, and the other one end portion POF at the right side of which is reduced in diameter about the offset axis to the central axis of the unprocessed portion UNP.

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IN THE CLAIMS:

Please replace claims 1-4, 6-9 and 11 as follows:

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1. (Amended) A method for monitoring the status of manufacturing products continuously according to one of a plurality of manufacturing processes, comprising:
    - determining if at least a predetermined manufacturing process for exploiting a property, licensed by a license agreement, out of a plurality of manufacturing processes has been executed,
    - storing the number of operations executed for manufacturing the products according to the predetermined manufacturing process, when it is determined that the predetermined manufacturing process has been executed; and